## (19) World Intellectual Property Organization International Bureau



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(43) International Publication Date 24 June 2004 (24.06.2004)

## (10) International Publication Number WO 2004/054174 A1

(51) International Patent Classification7:

H04L 12/28

(21) International Application Number:

PCT/EP2002/013994

(22) International Filing Date:

10 December 2002 (10.12.2002)

(25) Filing Language:

English

(26) Publication Language:

English

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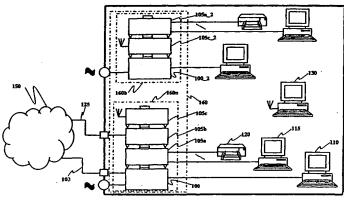
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: EXPANDABLE MODULAR RESIDENTIAL GATEWAY



(57) Abstract: A modular expandable gateway comprises at least one base module (100), including: a broad-band data communication device (200) for handling communications with an external broad band data communication network (150), at least one inication device (200) for handling communications with an external broad band data communication network (150), at least one to local network port (225) for the connection to a local communication network, a local network interface device (210) adapted to handling communications with the local data communication network and coupled to the local network port through a local network communication bus (230), the local network interface having a media independent interface (215) and a disable input (250), a data processing unit (200) interacting with the broad-banddata communication device and, through a media independent interface bus (220) connected to the media independent interface, with the local network interface device, so as toenable intercommunication between the local network and the external network; a disable signal line (257) coupled to the disable input of the local network interface device and adapted to drive the local network interface device and adapted to drive the local network interface device into adisabled state in which the local network interface device. terface device and adapted to drive the local network interface device into adisabled state in which the local network interface device does not engage the media independent interface but and the local network port, and expansion but (260) allowing expandability of the gateway by connecting at least one expansion module to the base module, and comprising the media independent interface bus. the local network communication bus (230) and the disable signal line.

